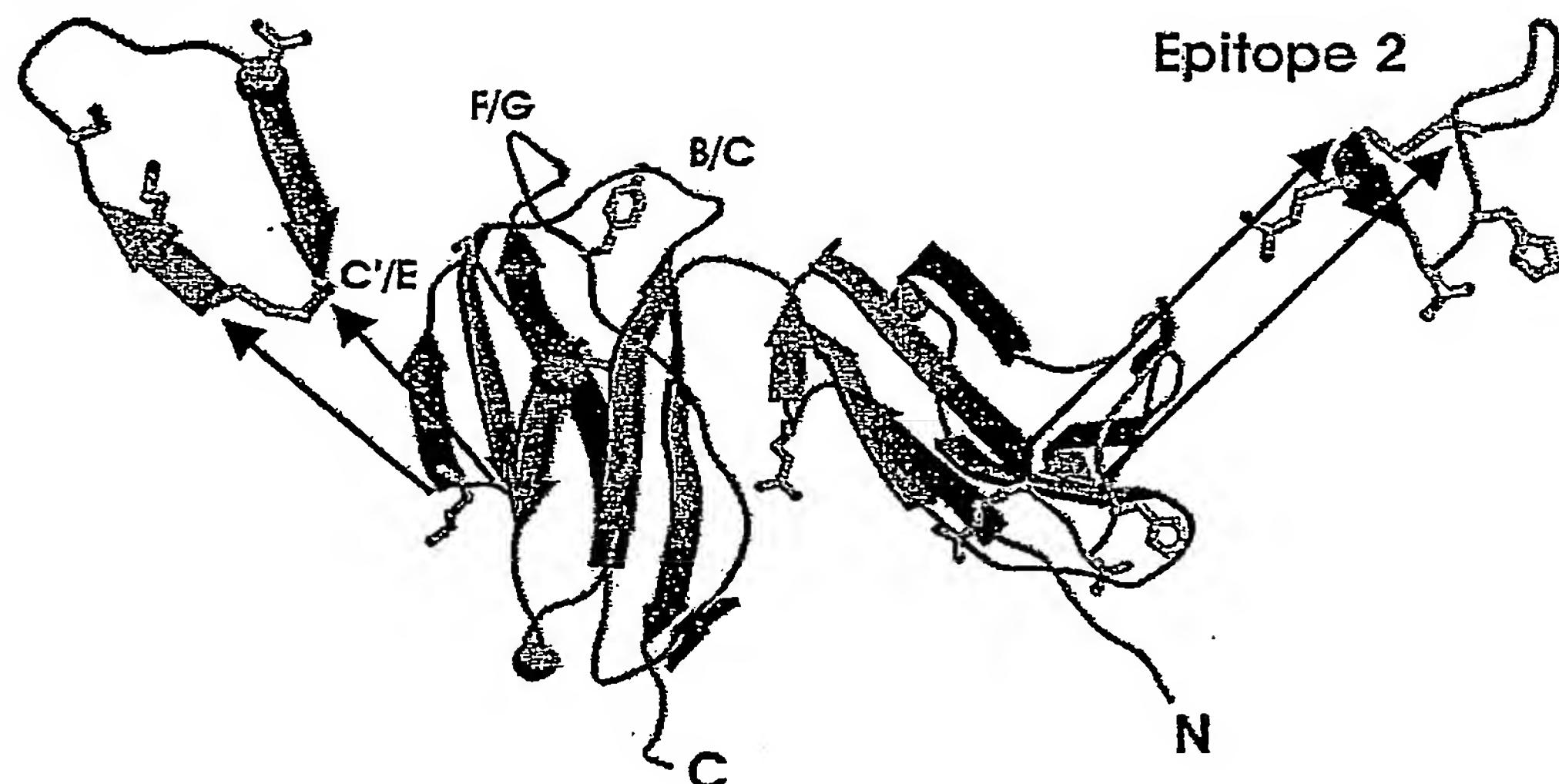


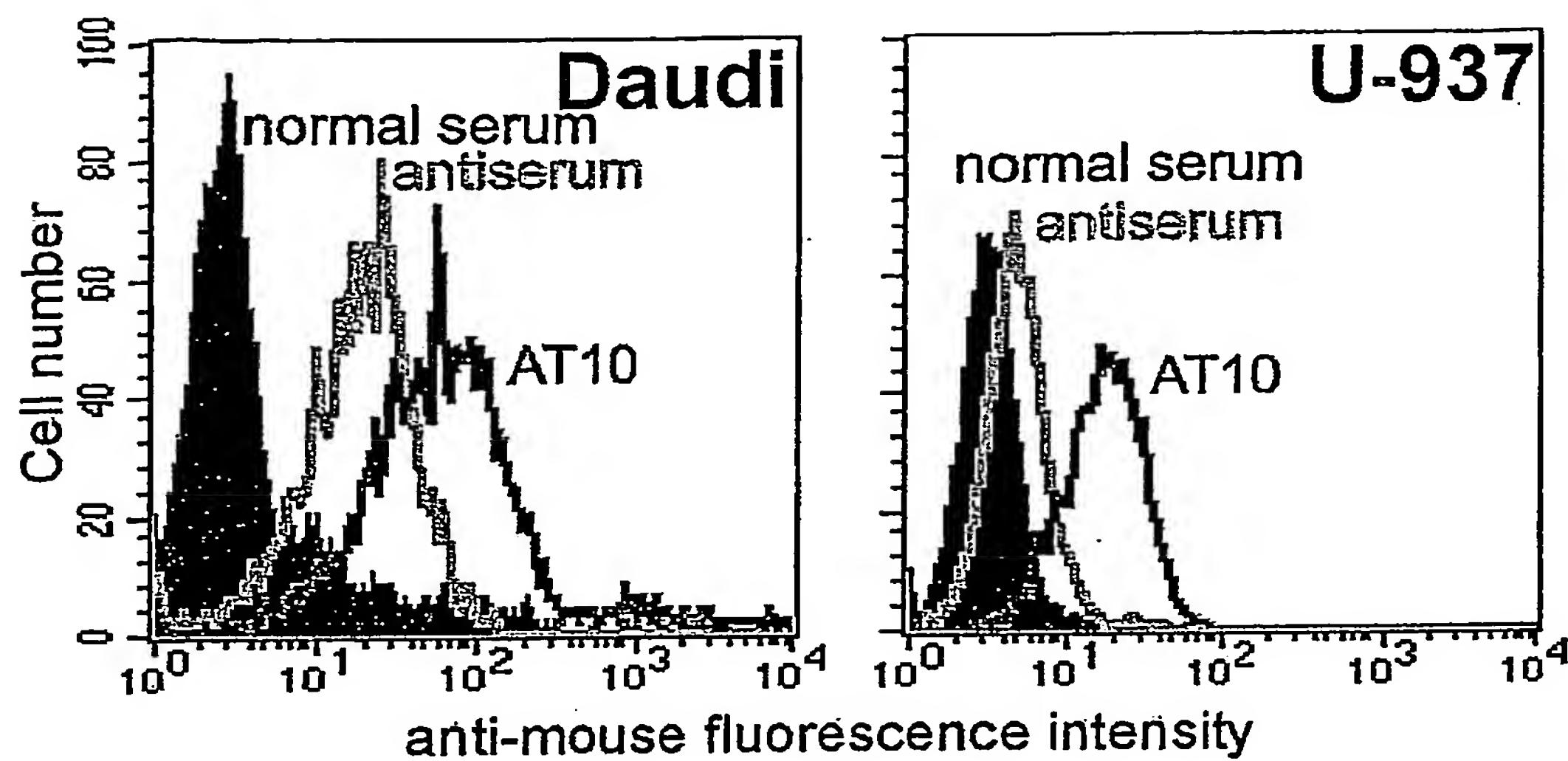
**Figure 1:**

	1	10	20	30	40	50	59
Fc $\gamma$ RIIa	AAPPKAVLKLEP	PWINVLQEDSVTLTC	QGAR	SPESDSIQWFHNGNLIPTHTQPSYRFKAN			
Fc $\gamma$ RIIb	AAPPKAVLKLEP	QWINVLQEDSVTLTC	RGTH	SPESDSIQWFHNGNLIPTHTQPSYRFKAN			
	*****	*****	*	*****	*****	*****	*****
	60	70	80	90	100	110	119
Fc $\gamma$ RIIa	NNDSGEYTCQTGQTSLSDPVHLTVLSEWLVLQTPHLEFQEGETIM	LRCHSWKD	KPLVKVT				
Fc $\gamma$ RIIb	NNDSGEYTCQTGQTSLSDPVHLTVLSEWLVLQTPHLEFQEGETIV	LRCHSWKD	KPLVKVT				
	*****	*****	*****	*****	*****	*****	*****
	120	130	140	150	160	170	
Fc $\gamma$ RIIa	FFQNGKS	OKFSRILDPT	FSIPQANHSHSGDYHCTGNIGYTLESSKPVTITVQ	MP			
Fc $\gamma$ RIIb	FFQNGKS	KKFSRS	SDPNFSIPQANHSHSGDYHCTGNIGYTLYSSKPVTITVQ	AP			
	*****	*****	*****	*****	*****	*****	*

**Figure 2:**

**Epitope 1**



**Figure 3:**

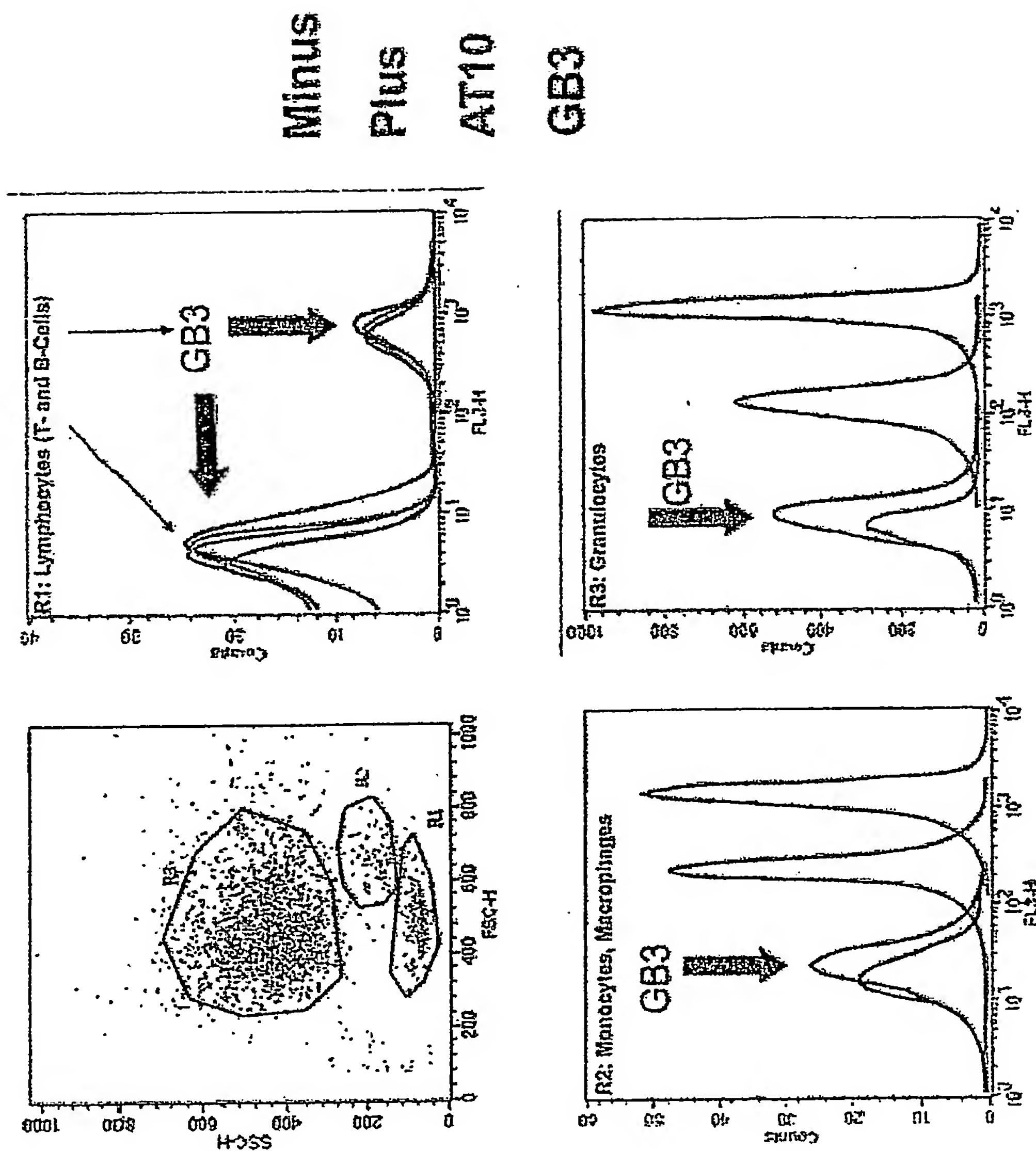


Figure 4:

**Figure 5:****a) Variable light region of mAb GB3**

agaattcagctgaccaggctccatcctcattatgcctctggagaaagagtcagt  
 R I Q L T Q S P S S L S A S L G E R V S

ctcacttgt|cgggcaagtcaaggaaatttagtggttacttaagctggcttcagcagaaacca  
 L T C R A S Q E I S G Y L S W L Q Q K P  
 CDR1

gatggaactattaaacgcctgatctac|gccacatccgcttagattctgggtccccaaaa  
 D G T I K R L I Y A T S A L D S G V P K  
 CDR2

aggttcagtgccagtgggtctgggtcaaattattcttcaccatcagcagccttgggtct  
 R F S G S G S G S N Y S L T I S S L E S

gaagattttcgagactattactgt|ctacaatatgctaattatccgtacacgttcggaggg  
 E D F A D Y Y C L Q Y A N Y P Y T F G G  
 CDR3

gggaccaagctg  
 G T K L

**b) Variable heavy region of mAb GB3**

gtgcagctgcagcagtctggacctgagctggtaagcctgggttcagtgaagattcc  
 V Q L Q Q S G P E L V K P G A S V K I S

tgcaaggcttctggctacaccccttactgactactataactgggtgaaacagtggcct  
 C K A S G Y T F T D Y Y I Y W V K Q W P  
 CDR1

ggacaggacttgagtggattggatggattttcctggacttgtaatacttactacaat  
 G Q G L E W I G W I F P G T G N T Y Y N  
 CDR2

gaaaacttcaaggacaaggccacacttactatagatagatcctccagcacagcctacatg  
 E N F K D K A T L T I D R S S S T A Y M  
 CDR2 (contd.)

ttgctcggcagcctgaccctgaggactctgcggctattctgttatggt|ccgtttgct  
 L L G S L T S E D S A V Y F C Y G P F A  
 CDR3

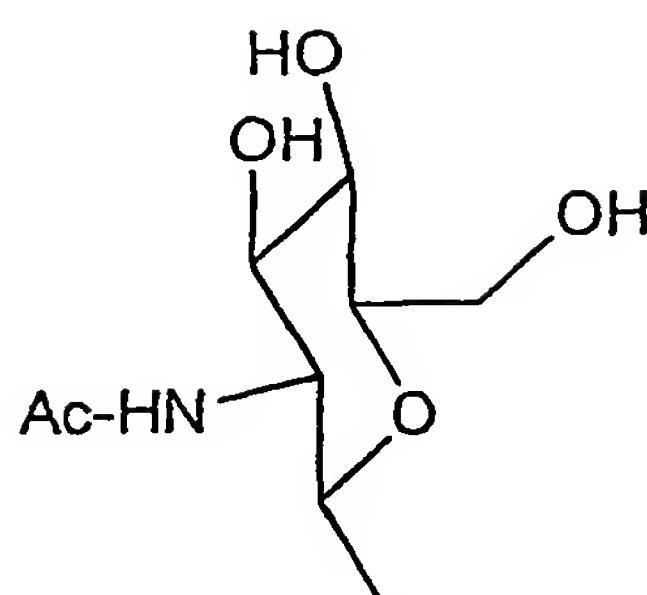
tactggggccaa  
 Y W G Q  
 CDR3

**Figure 6:****variable heavy region of mAb CE5:**

tqcaqqagtcaqqacctqqcctqqtggcgccctcacagagcctgtccatcacatgcaccgtct  
 L Q E S G P G L V A P S Q S L S I T C T V  
 cagggttctcattaaccggctatggtgtaaactgggttcgccagcctccaggaaagggtctgg  
 S G F S L T G Y G V N W V R Q P P G K G L  
**CDR1**  
 agtggctggaatgattgggtgatggaaacacagactataattcagctctcaaatccagac  
 E . W L G M I W G D G N T D Y N S A L K S R  
**CDR2**  
 tgagcatcagcaaggacaactccaagagccaagttttctaaaaatgaacagtctgcacactg  
 L S I S K D N S K S Q V F L K M N S L H T  
 atgacacagccaggtactactgtgccagagagagatttaggcttactactqqqqccaaq  
 D D T A R Y Y C A R E R D Y R L D Y W G Q  
**CDR3**  
 qqaccacqqtaccqtcctcag  
 G T T V T V S S

**variable light region of mAb CE5:**

gagctcaccaagtctccagcctcccttctgcgtctgtggagaaactgtcaccatcacatgt  
 E L T Q S P A S L S A S V G E T V T I T C  
 cgagcaagtggaatattcacaattatttagcatggtatcagcagaaacagggaaaatctcct  
 R A S G N I H N Y L A W Y Q Q K Q G K S P  
**CDR1**  
 cagctcctggctattataacaacaaccttagcagatggtgtgcacatcaagggttcagtggcagt  
 Q L L V Y Y T T L A D G V P S R F S G S  
**CDR2**  
 ggatcaggaacacaatattctctcaagatcaacagcctgcaacactgaagattttggagttat  
 G S G T Q Y S L K I N S L Q P E D F G S Y  
 tactgtcaacattttgaggtactcctcggacatcggtggagggaccacgctcgag  
 Y C Q H F W S T P R T F G G G T K L E  
**CDR3**

**Figure 7:**

-Ser-Lys-Lys-Phe-Ser-Arg-Ser-Asp-Pro-Asn-Phe-Ser-Gly-

**Figure 8:**